

Abstract

A white light LED assembly has at least two kinds of light-emitting units. The units can be a white light-emitting unit composed of red, green and blue LEDs, a white light-emitting unit composed of a blue and yellowish-green LEDs, a white light-emitting unit composed of a blue LED and yellow phosphor, or a white light-emitting units composed of UV LED and red, green and blue phosphors. The white light LED assembly according to the present invention has satisfactory efficiency and color rendering property as well as flexible phosphor usage.

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